



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 25, 2018

Morris Gaskins  
Director, Product Registrations  
Albaugh, LLC  
P.O. Box 2127  
Valdosta, GA 31604

Subject: Registration Review Label Mitigation for Fosamine Ammonium  
Product Name: Krenite S  
EPA Registration Number: 42750-247  
Decision Number: 532357

Dear Mr. Gaskins:

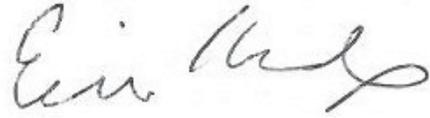
The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fosamine Ammonium Final and/or Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

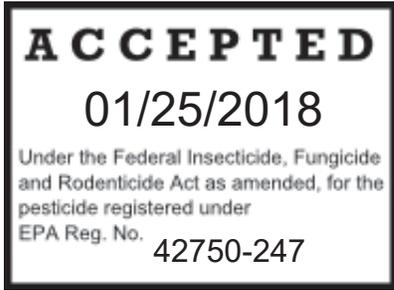
If you have any questions about this letter, please contact Driss Benmhend by phone at (703) 308-9525, or via email at [Benmhend.driss@epa.gov](mailto:Benmhend.driss@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is written in a cursive style with a large, looped initial "E".

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



FOSAMINE | GROUP 27 | HERBICIDE

**KRENITE S**  
Brush Control Agent

Water Soluble Liquid

ACTIVE INGREDIENT	BY WEIGHT
Ammonium salt of fosamine [ethyl hydrogen (aminocarbonyl) phosphonate] . . . . .	41.5%
OTHER INGREDIENTS: . . . . .	58.5%
TOTAL: . . . . .	100.0%

Contains 4 Lbs. Active Ingredient per Gallon

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for medical emergencies involving this product.

EPA Reg. No. 42750-247

EPA Est. No. xxxxxx-xx-xxx

Net Contents: \_\_\_\_\_

Manufactured For:  
Albaugh, LLC  
Ankeny, IA 50021

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION! Causes moderate eye irritation. Avoid contact with eyes or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

1. Long-sleeve shirt and long pants.
2. Shoes plus socks.

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

USERS SHOULD:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

POLLINATOR ADVISORY STATEMENT: This product may adversely impact the forage and habitat of local pollinators, including the monarch butterfly (and its larvae), birds, or bats if it reaches non-target areas. Protect pollinators by following label directions to minimize spray drift."

It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. See the Endangered Species section in the Directions for Use section of this labeling.

### PRODUCT INFORMATION

KRENITE S brush control agent is a water soluble liquid to be diluted with water and applied as a foliar spray for control and/or suppression of many woody species.

KRENITE S may be applied for use in pine plantations and non-crop sites, including highway rights-of-way, industrial sites, railroad rights-of-way, storage areas, utility and pipeline rights-of-way.

This product may be applied in pine plantations and non-crop sites that contain areas of temporary surface water caused by collection of water between planting beds, in equipment ruts, or in other depressions created by management activities. It is permissible to treat intermittent drainage, intermittently flooded low lying sites, seasonally dry flood plains and transitional areas between upland and lowland sites when no water is present. It is also permissible to treat marshes, swamps and bogs after water has receded, as well as seasonally dry flood deltas.

### RESTRICTION:

DO NOT make applications to natural or man-made bodies of water, such as, lakes, reservoirs, ponds, streams and canals.

KRENITE S is non-flammable and nonvolatile.

## ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

A KRENITE S spray directed to only part of susceptible brush species will provide control of the portion sprayed, resulting in a trimming effect. Treatment with KRENITE S generally does not immediately affect deciduous woody plants; they retain normal foliage for the remainder of the growing season. Treated susceptible plants do not produce foliage or grow the following spring. Coniferous species treated with KRENITE S generally displays visible symptoms following application.

Effectiveness may be reduced if, following treatment, rainfall occurs on the same day.

## WEED RESISTANCE MANAGEMENT

FOSAMINE	GROUP	27	HERBICIDE
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Some weeds are known to develop resistance to herbicides that have been used repeatedly. While the development of herbicide resistance is well understood, it is not easily predicted. Therefore herbicides should be used in conjunction with the resistance management strategies in the area. If herbicide resistance should develop in the area, this product used alone may not continue to provide sufficient levels of weed control. If the reduced levels of control cannot be attributed to improper application techniques, improper use rates, improper application timing, unfavorable weather conditions or abnormally high weed pressure, a resistant strain of weeds may have developed.

Herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species

To reduce the potential for weed resistance:

- Use this product in a rotation program with other classes of chemistry and modes of action.
- Always apply this product at the specified rates and in accordance with the use directions.
- Do not use less than specified label rates alone or in tank mixtures.
- Do not use reduced rates of the tank mix partner.
- For best results, this product should be applied when weeds are small.
- Scout fields carefully to determine the appropriate time for application.
- Scout fields carefully after application for performance in control of weeds.
- If resistance is suspected, contact the local or State agricultural advisors.
- For further information or to report suspected resistance, you may contact Albaugh at the toll free number: 1-800-247-8013 or at Internet site: [www.AlbaughLLC.com](http://www.AlbaughLLC.com).

## SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making applications.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

### IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of

sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage.

APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS!

See Wind, Temperature and Humidity and Temperature Inversions sections of this label.

#### CONTROLLING DROPLET SIZE - GENERAL TECHNIQUES

- Volume -Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure -Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- Nozzle Type -Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

#### CONTROLLING DROPLET SIZE - AIRCRAFT (HELICOPTER)

- Number of Nozzles - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- Nozzle Orientation - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- Nozzle Type - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

#### BOOM LENGTH AND HEIGHT

- Boom Length - Longer booms increase drift potential. Therefore a shorter boom length is recommended.
- Application Height - Application more than 10 ft. above the canopy increases the potential for spray drift.

#### BOOM HEIGHT

- Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

#### WIND

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns. Every applicator needs to be familiar with local wind patterns and how they affect spray drift.

#### TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

## TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

## DRIFT REDUCTION TECHNOLOGY (DRT)

The EPA Drift Reduction Technology (DRT) Program was developed to encourage the manufacture, marketing, and use of spray technologies scientifically verified to significantly reduce pesticide drift. The use of DRTs should result in significantly less pesticide from spray applications drifting and being deposited in areas not targeted by those applications, compared to spray technologies that do not meet the minimum DRT standard. EPA-verified drift reduction technologies (DRTs) and their ratings will be added to the following webpage as they become available: <https://www.epa.gov/reducing-pesticide-drift/epa-verified-and-rated-drift-reduction-technologies>

## INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

## TANK MIXES

KRENITE S herbicide may be tank mixed with other herbicides and/or adjuvant registered for use in pine plantations and non-crop sites.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## SPRAY EQUIPMENT

KRENITE S may be applied using high volume or low volume ground sprayers as well as aircraft (helicopter only).

Application equipment must be calibrated before making applications of KRENITE S.

#### SPRAY ADJUVANTS

A penetrating type oil-based adjuvant (surfactant or crop oil concentrate) may be used with KRENITE S. The adjuvant should be mixed in the spray solution at a minimum concentration of 1/4% by volume (1 quart per 100 gallons of spray solution) or at the manufacturer's recommended dosage.

If foaming is a problem during mixing, an anti-foam agent may be added.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

Do not use on food or feed crops.

**ENDANGERED SPECIES:** It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. Use of this product may pose a hazard to endangered or threatened species. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county in which you are applying the product. To obtain Bulletins, no more than six months before using this product, consult <http://www.epa.gov/espp/> or call 1-800-447-3813. You must use the Bulletin valid for the month in which you will apply the product.

KRENITE S must be used only in accordance with the labeling, or in supplemental Albaugh, LLC labeling.

#### AGRICULTURAL USES

##### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

1. Coveralls.
2. Shoe plus socks.

## PINE PLANTATIONS PREPARATION SITE

KRENITE S may be applied for the post-harvest (pre-plant) control of undesirable pine and hardwood seedlings and saplings and suppression of brush and vines to aid site planting preparation for southern pines and/or genetically improved pines.

### APPLICATION INFORMATION

Apply as a foliar spray from mid-summer to when the target tree pests begin defoliation in late summer or fall. Applications of KRENITE S may be made by ground or air (helicopter only) equipment. Use sufficient water to ensure complete coverage of the vegetation, 20 to 50 gallons per acre by ground and 10 to 15 gallons per acre by air.

For ground applications, applicators are required to use a Coarse droplet size, as defined by ASABE Standard S572.1.

For non-crop vegetation management ground applications (including roadside, railroad, or forestry), apply with the nozzle height no more than 4 feet above the ground or target vegetation, unless application equipment, manmade or natural barriers require a higher release height.

For aerial applications, applicators are required to use a Very Coarse droplet size, as defined by ASABE Standard S572.1.

When applying via aerial application equipment (helicopter), the spray boom must be mounted on the aircraft so as to minimize drift caused by rotor blade vortices. The boom length must not exceed 90% of the rotor blade diameter.

### USE RATES AND PLANTS CONTROLLED

#### Pine Seedlings and Saplings

Apply 2 to 4 quarts of KRENITE S per acre for the control of seedling and sapling pines when burning is allowed on the site.

Apply 4 to 6 quarts per acre of KRENITE S to control seedling and sapling pines when burning is not allowed on the site.

Use the higher rate when either pine saplings predominate or when high infestations of seedling pines are in the area to be sprayed.

#### Combinations of Pine And Hardwood Seedlings And Saplings

To control a combination of pine and hardwood seedlings and saplings, apply a tank mixture of KRENITE S at use rates indicated for spraying pine seedlings and saplings plus at rates specified on the imazapyr product label. This tank mix may be applied for the control of Ash, Blackberry, Black gum, Black locust, Box elder, Cherry, Dogwood, Elms (winged, slippery), Oaks (red, white), Red maple, Sassafras, and Sourwood.

Follow all use directions, precautions and restrictions on Imazapyr product labels.

## Brush and Vine Suppression

The application of KRENITE S plus Imazapyr will also provide suppression of brush and vines, such as, American beautyberry (French mulberry), Baccharis (groundsel tree), Vaccinium (blueberry) species, Wax myrtle (bayberry) and Wild grape.

\*Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

### PRECAUTIONS:

- Cutting of treated stems of brush before they are completely dead may result in sprouting.
- Drift or spray mist contact with desirable trees, shrubs, or other plants may result in injury.

### RESTRICTIONS:

- Do not apply more than 3 gallons of KRENITE S per acre (12.0 lbs of ai/A) per year.
- Do not make more than 2 applications per year.
- Do not make second application within 30 days of first application.
- Not registered for sale or use in California or Arizona.

## NON-AGRICULTURAL USES

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow entry into treated areas until sprays have dried to perform hand tasks.

## NON-CROP SITES

KRENITE S may be applied for general weed control as follows: uncultivated non-agricultural areas (including airports, highway, railroad and utility rights-of-way, sewage disposal areas); uncultivated agricultural areas (non-crop producing, which includes: farmyards, fuel storage areas, fence rows, barrier strips); industrial sites (outdoor, such as, lumberyards, pipeline and tank farms).

## APPLICATION INFORMATION

Make a foliar application of the specified rate of KRENITE S from full leaf expansion in the spring to the development of full canopy coloration in the fall for deciduous species to be controlled. Coniferous species, listed in the Use Rates and Plants Controlled chart below, may be treated at anytime during the growing season.

## LOW AND HIGH VOLUME DIRECTED SPRAYS

Prepare either a low volume or high volume spray solution of KRENITE S. For the low volume directed spray application, do not exceed a spray concentration of 30% by volume. For the high volume directed spray application, do not use a spray concentration of less than 1.5% by volume.

Prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the Spray Solution Table. Apply a quantity of spray solution which will thoroughly and uniformly cover the target plant foliage (spray to wet for high volume applications). Rate and volume per acre will depend on

the plant species, the height and density of plant growth as well as the type of application equipment used. On tall or dense stands of brush it may be necessary to spray from opposite sides in order to obtain thorough coverage of the foliage. Use the higher rate range on stands where difficult to control species are dominant. See the Use Rates and Plants Controlled section of the label for use rates and a listing of \*\*difficult to control species.

**PRECAUTIONS:**

- Cutting of treated stems of brush before they are completely dead may result in sprouting.

**RESTRICTIONS:**

- Do not apply more than 3 gallons of KRENITE S per acre (12.0 lbs ai/A) in a single application
- Do not apply more than 6 gallons of KRENITE S per acre (24.0 lbs ai/A) per acre per year.
- Do not make more than 2 applications per year.
- Do not make second application within 30 days of first application.
- Do not use for the control of woody plants on lawns, walks, driveways, tennis courts or similar areas.
- Drift or spray mist contact with desirable trees, shrubs, or other plants may results in injury.
- Not registered for sale or use in California or Arizona.

**AERIAL and BROADCAST APPLICATIONS**

Prepare a spray solution using 1 1/2 to 3 gallons of KRENITE S in 10 to 40 gallons of water (see Spray Solution Table).

For broadcast ground applications, use this product at the rate of 1.5 to 6 gallons per application per acre.

For aerial applications, use this product at the rate of 1.5 to 3 gallons per application per acre.

Use sufficient spray volume to uniformly and thoroughly cover the foliage. Use the higher concentrations on stands in which difficult to control species are predominant (see Use Rates and Plants Controlled section for a listing of \*\*difficult to control species). SPRAY SOLUTION TABLE Amount of KRENITE S

**RESTRICTIONS:**

- Do not apply more than 6 gallons per acre (24.0 lbs ai/A) when using ground equipment.
- Do not apply more than 3 gallons of KRENITE S per acre (12.0 lbs ai/A) when using aerial equipment.

**SPRAY SOLUTION TABLE**

Amount of KRENITE S

Desired Volume	1.5%	2%	3%	4%	10%	20%	30%
5 Gal	**	**	**	0.8 qt	0.5 gal	1 gal	1.5 gal
10 Gal	0.6 qt	0.8 qt	1.2 qt	1.6 qt	1 gal	2 gal	3 gal
20 Gal	1.2 qt	1.6 qt	0.6 gal	0.8 gal	2 gal	4 gal	6 gal
30 Gal	0.45 gal	0.6 gal	0.9 gal	1.2 gal	3 gal	6 gal	**
40 Gal	0.6 gal	0.8 gal	1.2 gal	1.6 gal	4 gal	**	**
50 Gal	0.75 gal	1 gal	1.5 gal	2 gal	5 gal	**	**
100 Gal	1.5 gal	2 gal	3 gal	4 gal	**	**	**

**USE RATES AND PLANTS CONTROLLED**

KRENITE S effectively controls or suppresses (\*\*difficult to control listings) the following plants when applied at the use rates shown.

\*\*Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

1 1/2 to 6 gal KRENITE S per acre	
Alder, red	<i>Alnus rubra</i>
Ash, white	<i>Fraxinus Americana</i>
Aspen, quaking	<i>Populus tremuloides</i>
Birch	<i>Betula sp.</i>
Blackberry	<i>Rubus sp.</i>
Blackgum	<i>Nyssa sylvatica</i>
Cherry, black**	<i>Prunus serotina</i>
Cherry, pin	<i>Prunus pensylvanica</i>
Chokecherry, common**	<i>Prunus virginiana</i>
Elm**	<i>Ulmus sp.</i>
Fem, bracken	<i>Pteridium acquilinum</i>
Hawthorn**	<i>Crataegus sp.</i>
Hickory**	<i>Carya sp.</i>
Locust, black	<i>Robinia pseudoaccacia</i>
Maple, bigleaf**	<i>Acer macrophyllum</i>
Maple, red**	<i>Acer rubrum</i>
Maple, vine	<i>Acer circinatum</i>
Oak, red	<i>Quercus rubra</i>
Oak, water	<i>Quercus arkansana</i>
Oak, white	<i>Quercus alba</i>
Persimmon**	<i>Diospyros virginiana</i>
Pine, loblolly	<i>Pinus taeda</i>
Pine, Virginia	<i>Pinus virginiana</i>
Poplar, yellow (tulip tree)**	<i>Liriodendron tulipifera</i>
Salmonberry	<i>Rubus spectabilis</i>
Sassafras**	<i>Sassafras sassafras</i>
Sourwood**	<i>Oxydendrum arboretum</i>
Spurge, leafy***	<i>Euphorbia ésula</i>
Sumac	<i>Rhus sp.</i>
Sweetgum	<i>Liquidambar styraciflua</i>
Tallow, Chinese	<i>Sapium Sebiferum</i>
Thimbleberry	<i>Rubus parviflorus</i>
Willow**	<i>Salix sp.</i>

2 to 6 gal KRENITE S per acre	
Basswood, American**	<i>Tilia Americana</i>
Bindweed, field***	<i>Convolvulus arvensis</i>
Cottonwood, Eastern	<i>Populus deltoids</i>
Elder, American	<i>Sambucus canadensis</i>
Elm, slippery	<i>Ulmus rubra</i>
Elm, winged**	<i>Ulmus alata</i>
Grape, wild	<i>Vitis sp.</i>
Pine, Eastern white	<i>Pinus strobes</i>
Plum, wild	<i>Prunus munsoniana</i>
Rose, multiflora	<i>Rosa multiflora</i>
Sycamore	<i>Platanus occidentalis</i>
Tree-of-heaven	<i>Ailanthus altissima</i>

\*\*Difficult to control or Suppression

Suppression - a visible reduction in plant population and/or plant vigor as compared to an untreated area and generally not accepted as control.

\*\*\*Make applications after plants begin to bloom.

## TANK MIXTURES

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

### KRENITE S plus Metsulfuron methyl

KRENITE S plus metsulfuron methyl herbicide may be applied for the control of Eastern red cedar and improved control of Ailanthus (tree of heaven), Ash, Cherry, Elm and Red maple.

Apply 1.5 to 3 gallons of KRENITE S plus specified application rate of metsulfuron methyl per acre. Apply a quantity of spray solution that will thoroughly and uniformly cover the target brush/trees without causing unnecessary run-off (spray to wet). If the site contains difficult to control species (see \*\* in "USE RATES AND PLANTS CONTROLLED" section), use the higher rates of both KRENITE S and metsulfuron methyl.

Follow the use directions, precautions and restrictions on the metsulfuron methyl label.

### KRENITE S plus imazapyr

KRENITE S plus imazapyr herbicide may be applied for the control of Box elder, Hackberry, Persimmon, Wild pecan and Dogwood and for improved control of Ash, Black Cherry, Elm, Maple, Sassafras and Willow.

Apply 1.5 to 3 gallons of KRENITE S plus specified application rate of imazapyr per acre. Apply a quantity of the spray solution that will thoroughly and uniformly cover the target brush without causing unnecessary run-off (spray to wet). If the site contains difficult to control species (see \*\* in "USE RATES AND PLANTS CONTROLLED" section), use the higher rates of both KRENITE S and imazapyr.

Follow the use directions, precautions and restrictions on the Imazapyr label.

### KRENITE S plus picloram

KRENITE S plus picloram herbicide may be applied for the control of Hackberry, Persimmon, and Walnut for improved control of Cherry, Elm, Hickory, Locust, Oak, Poplar, Sassafras, Sumac, and Sweet gum.

Apply 1.5 to 3 gallons of KRENITE S plus specified application rate of picloram per acre. Apply a quantity of the spray solution that will thoroughly and uniformly cover the target brush without causing unnecessary run-off (spray to wet). If the site contains difficult to control species (see \*\* in "USE RATES AND PLANTS CONTROLLED" section), use the higher rates of both KRENITE S and picloram.

Follow the use directions, precautions and restrictions on the picloram label.

## SIDE TRIMMING

For control of only a portion of a plant, direct the spray solution to thoroughly cover (spray to wet) only the portion of the plant to be controlled.

### PRECAUTIONS:

- Drift or spray mist contact with desirable trees, shrubs, or other plants may result in injury.

### RESTRICTION:

- Do not apply more than 3 gallons of KRENITE S per acre (12.0 lbs ai/A) in a single application
- Do not apply more than 6 gallons of KRENITE S per acre (24.0 lbs ai/A) per acre per year.
- Do not make more than 2 applications per year.
- Do not make second application within 30 days of first application.
- Not registered for sale or use in California or Arizona.

## CUT SURFACE APPLICATIONS

KRENITE S may be used for controlling the re-sprouting of cut stumps of the plants listed in the Use Rates and Plants Controlled section. Control of re-sprouting in plants listed as "difficult to control" may not be as effective.

KRENITE S may either be used undiluted or mixed with water. Use the method that is best suited for the particular application equipment. When mixing with water a ratio of no less than 1 part KRENITE S to 1 part water on a volume basis must be used. Apply the undiluted or mixed solution to wet the area adjacent to the cambium and bark around the entire circumference and the sides of the cut stumps. The sides of the stumps should be wet down to the root collar area.

Apply with appropriate application equipment using low spray pressure. Applications can be made any time of the year, except during periods of heavy sap flow in the spring. Applications should be made soon after cutting; before the stump surface forms a layer of callous tissue (hardens off).

To prevent freezing of the spray solution, add ethylene glycol (commercial antifreeze) to the water used in preparing the spray solution. Add the antifreeze according to the manufacturer's label for preventing freezing of water at the lowest expected ambient temperature. KRENITE S will freeze at -11°F. A1:1 aqueous dilution of KRENITE S will freeze at 21°F.

A spray pattern indicator may be used in the spray solution to facilitate application. The user should check the compatibility of the spray indicator with the spray solution prior to using large quantities.

## ADDITIONAL USE INSTRUCTIONS - PINE PLANTATIONS AND NON-CROP SITES

### MIXING INSTRUCTIONS

1. Fill spray tank 1/2 full of water.
2. With the agitator running, add the desired amount of KRENITE S.
3. If using a tank mix partner, add the specified amount. Follow the use precautions and directions on the tank mix partner label.
4. Add spray adjuvant as last ingredient prior to filling the spray tank with water.
5. Agitate the spray solution thoroughly.

After KRENITE S has been thoroughly mixed in the spray tank agitation of the spray solution is not required.

## SPRAYER CLEAN UP

Thoroughly clean all mixing and spray equipment immediately following applications of KRENITE S. Flush tank, pump, hoses and boom with several changes of water after removing the nozzle tips and screens (clean these parts separately).

Dispose of the rinsate on a labeled site or at an approved waste disposal facility.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store below 10°F. Store product in original container only. Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

**Nonrefillable Rigid Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons):**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Rigid Plastic and Metal Containers (Capacity Greater Than 5 Gallons):**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Rigid Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

All Refillable Containers:

Refillable container.

*Refilling Container:* Refill this container with KRENITE S containing ammonium salt of fosamine only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use container, contact Albaugh, LLC at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact Albaugh, LLC at the number below for instructions.

*Disposing of Container:* Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact CHEMTREC at 1-800-424-9300, day or night.

NOTICE TO BUYER: Purchase of this material does not confer any rights under patents of countries outside of the United States.

## LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read This Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional fanning techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Albaugh, LLC. These risks can cause: ineffectiveness of the product; crop injury, or; injury to non-target crops or plants.

Albaugh, LLC does not agree to be an insurer of these risks. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

Albaugh, LLC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

ALBAUGH, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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Albaugh, LLC or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify Albaugh, LLC or an Albaugh, LLC Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.